

Work Order ID 130219

130219

Friday, February 27, 2015 11:53:58 AM

Page 1

Item ID: E4511-1 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Bearing
 Start Date: 2/27/2015 Start Qty: 12.00 *12* Cust Item ID:
 Required Date: 2/27/2015 Req'd Qty: 12.00 *12* Customer:
 Reference:

Approvals: Process Plan: MLS Date: 15-02-27 Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
E4511	A								

100 0.00

100

Purchasing

Purchasing

Memo

Issue P/O: 27606
 Purchase part as per Dwg D4511
 Part #: 57155K335
 Possible Supplier: McMaster Carr
 Material release note required

0.00

CL 15/02/27 12

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Packaging

Memo

0.00

12 **DAS 06 MAR 02 2015**

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence
		☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge
		☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other

Work Order ID 130219

Friday, February 27, 2015 11:53:58 AM

130219

Page 2

Item ID: E4511-1

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Bearing

Start Date: 2/27/2015 Start Qty: 12.00

12

Cust Item ID:

Required Date: 2/27/2015 Req'd Qty: 12.00

12

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC6- Inspect dimensions to drawing	0.00							DAS 38 9-89
120						(12)			
QC	Memo	0.00							
Quality Control									MAR 03 2015
130	Identify as per dwg & Stock Location: _____	0.00							
130									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

Ship

CME 15-3-3

15/3/3

15-3-4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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Picklist Print

Friday, February 27, 2015 11:54:01 AM

Page 1

Work Order ID: 130219

130219

Parent Item: E4511-1

F4511-1

Parent Item Name: Bearing

Start Date: 2/27/2015

Required Date: 2/27/2015

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP REV:A 15.02.06 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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57155K335		Purchased	No				Each	0.0000		12			
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57155K335

Bearing

**

12

DAS
05
3-00

11316867.
MAR 02 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

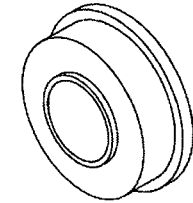
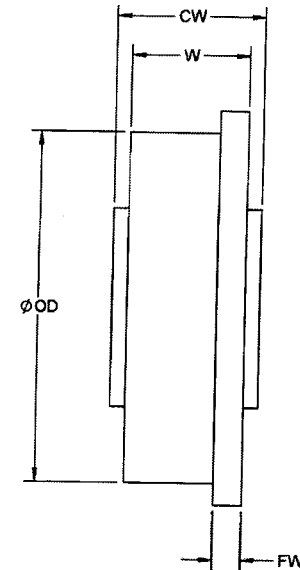
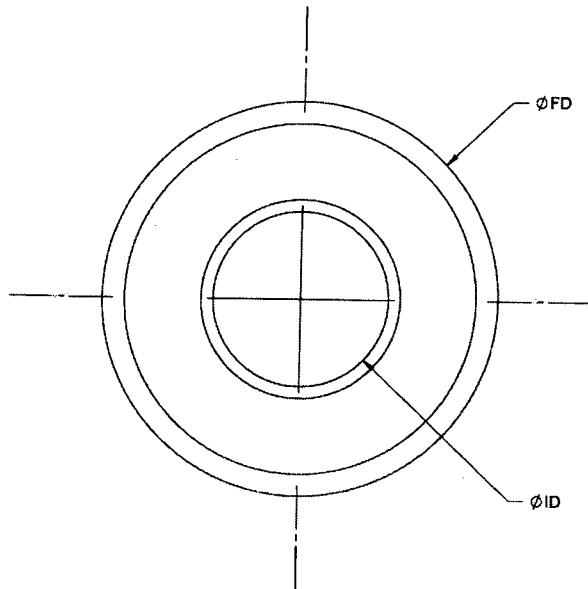
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Doc/Data									
Equip/Tooling									
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FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence
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SPECIFICATION CONTROL DRAWING



UNCONTROLLED COPY
 130219 MJS
 1502-27

EAGLE PART NUMBER	DESCRIPTION	VENDOR	VENDOR PART NUMBER	MATERIAL	INSIDE DIAMETER "ID"	OUTSIDE DIAMETER "OD"	FLANGE DIAMETER "FD"	WIDTH "W"	CENTER WIDTH "CW"	FLANGE WIDTH "FW"
E4511-1	BEARING	MCMASTER CARR	57155K335	STAINLESS STEEL	0.188	0.375	0.422	0.125	0.156	0.03
E4511-3	BEARING	MCMASTER CARR	57155K336	STAINLESS STEEL	0.250	0.375	0.422	0.125	0.156	0.04

E4511-X BEARING

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.7
- 7) WEIGHT: 0.00 lbs

A	NEW ISSUE	BY	12.12.03
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	12.12.03		

EAGLE COPTERS LTD CALGARY, ALBERTA, CANADA	
DRAWING NO. E4511	REV. A SHEET 1 OF 1
TITLE BEARING	SCALE NTS
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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
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McMaster-Carr Supply Company 200 Aurora Industrial Pkwy Aurora, OH 44202-8087 USA Phone: 330-995-5500 Fax: 330-995-9600 E-Mail: cle.sales@mcmaster.com Employer Identification Number (EIN): 36-1458720		Invoice: 24049466 Purchase Order: PO27606 Release: McMaster-Carr Number: 7904410-02		ORIGINAL COMMERCIAL INVOICE CERTIFICATE OF ORIGIN	
Ultimate Destination: Dart Aerospace Ltd 1270 Aberdeen St Hawkesbury ON K6A 1K7 Canada		Shipped: 27-Feb-2015 Shipper's Export Declaration (SED): NO EEI 30.36		FOB: ORIGIN	
Intermediate Consignee:		Bill To: Dart Aerospace Ltd 1270 Aberdeen St Hawkesbury ON K6A 1K7 Canada		Tax Number:	
Forwarding Agent:		Billing Attention: Shipping Attention: Contact:			

Line	Description	Qty & Unit	Unit Price	Extension
1	9610K17 MIL Spec. Two-Piece Grommet Kit, Trade Size 1, 0.687" OD, 48 Grommets with Teeth Washers Country of Origin: United States Schedule B #: 820559 ECCN #: EAR99 NLR	4 EA	\$12.90	\$51.60
2	95606A170 Nylon Flat Washer, 7/16" Screw Size, 0.500" ID, 0.688" OD, Off-White, Packs of 100 Country of Origin: United States Schedule B #: 392690 ECCN #: EAR99 NLR	1 PK	\$10.41	\$10.41
4	59915K274 PTFE-Lined Stainless Steel Ball Joint Rod End, 3/8"-24 Right-Hand Male Shank, 3/8" Ball ID, 1-1/4" L Thread Country of Origin: United States Schedule B #: 848330 ECCN #: EAR99 NLR	8 EA	\$17.14	\$137.12
5	92311A599 18-8 Stainless Steel Cup Point Set Screw, 5/16"-24 Thread, 5/8" Long, Packs of 50 Country of Origin: Taiwan Schedule B #: 731815 ECCN #: EAR99 NLR	4 PK	\$10.80	\$43.20
Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department. These commodities, technology, or software were exported from the United States in accordance with Export Administration regulations. Diversion contrary to US law is prohibited.				

Shipping Weight (in kgs): 8		Number of Packages: 1		Invoice Amounts	
Package Dimensions: 30 X 30 X 30 CM = .028 CUBIC M				Merchandise Amount: \$1,039.19 Canadian GST/HST: \$137.05 Shipping Charges: \$14.83 Total (In USD): \$1,191.07	
				Payment Terms: 2% discount on merchandise only if paid within 10 days, net 30 days	
Authorized Signature: 		Date: 27-Feb-2015		Remit payment to: (by mail) McMaster-Carr Supply Company PO Box 7690 Chicago, IL 60680-7690 USA	
Name: Sarah Weinberg		Title: Operations Mgr.		(by wire transfer) Bank of America Illinois 231 S LaSalle Chicago, IL 60697 ABA 071000039 Account 86666-02021 SWIFT BOFAUS3N	

McMaster-Carr Supply Company
 200 Aurora Industrial Pkwy
 Aurora, OH 44202-8087 USA
 Phone: 330-995-5500 Fax: 330-995-9600
 E-Mail: cle.sales@mcmaster.com
 Employer Identification Number (EIN): 36-1458720

Invoice: 24049466
 Purchase Order: PO27606
 Release:
 McMaster-Carr Number: 7904410-02

ORIGINAL COMMERCIAL
INVOICE
 CERTIFICATE OF ORIGIN

Line	Description	Qty & Unit	Unit Price	Extension
6	92311A639 18-8 Stainless Steel Cup Point Set Screw, 3/8"-24 Thread, 1" Long, Packs of 10 Country of Origin: Taiwan Schedule B #: 731815 ECCN #: EAR99 NLR	5 PK	\$6.58	\$32.90
7	91525A120 Type 316 Stainless Steel Flat Washer, Oversized, 1/4" Screw Size, 0.281" ID, 1.000" OD, Packs of 25 Country of Origin: Taiwan Schedule B #: 731822 ECCN #: EAR99 NLR	2 PK	\$6.67	\$13.34
8	63215K34 Stainless Steel Ball Joint Swivel Bearing, PTFE Lined, 3/8" ID, 13/16" OD, 13/32" Ball Thick Country of Origin: Peoples Republic of China Schedule B #: 848330 ECCN #: EAR99 NLR	20 EA	\$17.24	\$344.80
9	57155K335 Mini High-Precision Stainless Steel Ball Bearing - ABEC-5, Flange Shield, Extended Inner Ring, 3/16" ID, 3/8" OD Country of Origin: Taiwan Schedule B #: 848210 ECCN #: 1C999 NLR	12 EA	\$7.50	\$90.00
10	7566K25 Cable Tie Mount, Adhesive/Fastener Mount, 4 Way, 0.21" Tie WD. , White, Packs of 50 Country of Origin: United States Schedule B #: 392690 ECCN #: EAR99 NLR	1 PK	\$8.12	\$8.12
11	5099A29 Hole-Grip Clamp, Fits 3/32" Diameter Country of Origin: United States Schedule B #: 820570 ECCN #: EAR99 NLR	100 EA	\$1.62	\$162.00
12	8858T21 Polypropylene Covered Elastic Cord, 3/16" Diameter, Black, 50' Length Country of Origin: United States Schedule B #: 560900 ECCN #: EAR99 NLR	50 FT	\$0.23	\$11.50
13	76375A76 Nonskid Matting Tape, 2-1/2" Width X 25' Length Country of Origin: United States Schedule B #: 481141 ECCN #: EAR99 NLR	1 RL	\$12.43	\$12.43
14	53355T71 Polyester/Cotton Blend Shop Coat, Dark Blue, Size 42 Country of Origin: Mexico Schedule B #: 621143 ECCN #: EAR99 NLR	1 EA	\$31.04	\$31.04
15	53355T71 Polyester/Cotton Blend Shop Coat, Dark Blue, Size 44 Country of Origin: Mexico Schedule B #: 621143 ECCN #: EAR99 NLR	1 EA	\$31.04	\$31.04
16	8324A89 Cobalt Steel Decimal Size Chucking Reamer, .3130" Diameter, 1-1/2" Flute Length, .2792" Shank Country of Origin: United States Schedule B #: 820760 ECCN #: EAR99 NLR	1 EA	\$47.25	\$47.25

Number of Packages: 1

Page 2 of 3

McMaster-Carr Supply Company
200 Aurora Industrial Pkwy
Aurora, OH 44202-8087 USA
Phone: 330-995-5500 Fax: 330-995-9600
E-Mail: cle.sales@mcmaster.com
Employer Identification Number (EIN): 36-1458720

Invoice: 24049466
Purchase Order: PO27606
Release:
McMaster-Carr Number: 7904410-02

ORIGINAL COMMERCIAL
INVOICE
CERTIFICATE OF ORIGIN

Line	Description	Qty & Unit	Unit Price	Extension
17	91732A719 18-8 Stainless Steel Standard Helical Insert, 10-24 Internal Thread, 0.380" Length, MS122160, Packs of 10 Country of Origin: United States Schedule B #: 731829 ECCN #: EAR99 NLR NOTE Tracking number(s) for this shipment: MFA004097290	2 PK	\$6.22	\$12.44

Number of Packages: 1

Page 3 of 3

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO27606

Order Placed By
Chantal Lavoie

McMaster-Carr Number
7904410-02

Page 1 of 2

02/27/2015

Line	Product	Ordered	Shipped
1	9610K17 MIL Spec. Two-Piece Grommet Kit, Trade Size 1, 0.687" OD, 48 Grommets with Teeth Washers	4 Each	4 /
2	95606A170 Nylon Flat Washer, 7/16" Screw Size, 0.500" ID, 0.688" OD, Off-White, Packs of 100	1 Pack	1 /
4	59915K274 PTFE-Lined Stainless Steel Ball Joint Rod End, 3/8"-24 Right-Hand Male Shank, 3/8" Ball ID, 1-1/4" L Thread	8 Each	8 /
5	92311A599 18-8 Stainless Steel Cup Point Set Screw, 5/16"-24 Thread, 5/8" Long, Packs of 50	4 Packs	4 /
6	92311A639 18-8 Stainless Steel Cup Point Set Screw, 3/8"-24 Thread, 1" Long, Packs of 10	5 Packs	5 /
7	91525A120 Type 316 Stainless Steel Flat Washer, Oversized, 1/4" Screw Size, 0.281" ID, 1.000" OD, Packs of 25	2 Packs	2 /
8	63215K34 Stainless Steel Ball Joint Swivel Bearing, PTFE Lined, 3/8" ID, 13/16" OD, 13/32" Ball Thick	20 Each	20 /
9	57155K335 Mini High-Precision Stainless Steel Ball Bearing - ABEC-5, Flange Shield, Extended Inner Ring, 3/16" ID, 3/8" OD	12 Each	12 /
10	7566K25 Cable Tie Mount, Adhesive/Fastener Mount, 4 Way, 0.21" Tie WD. , White, Packs of 50	1 Pack	1 /
11	5099A29 Hole-Grip Clamp, Fits 3/32" Diameter	100 Each	100 /
12	8858T21 Polypropylene Covered Elastic Cord, 3/16" Diameter, Black, 50' Length	50 Feet	50 /
13	76375A76 Nonskid Matting Tape, 2-1/2" Width X 25' Length	1 Roll	1 /
14	53355T71 Polyester/Cotton Blend Shop Coat, Dark Blue, Size 42	1 Each	1 /
15	53355T71 Polyester/Cotton Blend Shop Coat, Dark Blue, Size 44	1 Each	1 /
16	8324A89 Cobalt Steel Decimal Size Chucking Reamer, .3130" Diameter, 1-1/2" Flute Length, .2792" Shank	1 Each	1 /
17	91732A719 18-8 Stainless Steel Standard Helical Insert, 10-24 Internal Thread, 0.380" Length, MS122160, Packs of 10	2 Packs	2 /

Shipped separately from our Chicago warehouse on 02/27

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO27606

Order Placed By
Chantal Lavoie

McMaster-Carr Number
7904410-02

Page 2 of 2

02/27/2015

Line	Description	Ordered	Shipped
3	9776K117 1" W X 50' L Hook, Adhesive Back, Beige	1 Length	1



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO27606**

Purchase Order Date 2/27/2015

PO Print Date 2/27/2015

Page Number 1 of 7

Order From :

MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 330 995 5500

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

Ship To Contact

Ship To Phone

Ship Via:

Purolator ground ppd

Ship Acct:

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	9610K17 AS PER DWG D3619 REV. A B129958	GROMMET	3/3/2015 Yes 3/3/2015		4.00 Each	\$12.90	\$51.60
Line Total:							\$51.60
2	95606A170 AS PER DWG D3631 REV. A B129928	Washer	3/3/2015 Yes 3/3/2015		100.00 Each <i>15/03/02</i> <i>SD</i>	\$0.10	\$10.41
Line Total:							\$10.41

Note:

2/27/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO27606**

Purchase Order Date 2/27/2015

PO Print Date 2/27/2015

Page Number 2 of 7

Order From :

VU-MCM001

MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 330 995 5500

Ship To Contact

Ship To Phone

Ship Via: Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 10

Currency USD

FOB FCA - (Free Carrier)

3	9776K117	Flame Retardent Nylon Hook & Loop	3/3/2015	50.00	\$1.28	\$63.96
			Yes	f		
			3/3/2015			

AS PER DWG D3800 REV. B
B130077

Line Total: \$63.96

4	59915K274	Rod End Bearing	3/3/2015	8.00	\$17.14	\$137.12
			Yes	Each		
			3/3/2015			

AS PER DWG D4777 REV. A
B129849

Line Total: \$137.12

5	92311A599	SET SCREW	3/3/2015	200.00	\$0.22	\$43.20
			Yes	Each		
			3/3/2015			

AS PER DWG D2712 REV. B
B130024

Line Total: \$43.20

Note:

2/27/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
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Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO27606**

Purchase Order Date 2/27/2015

PO Print Date 2/27/2015

Page Number 3 of 7

Order From :

MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To :

DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 330 995 5500

Ship To Contact

Ship To Phone

Ship Via: Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 10

Currency USD

FOB FCA - (Free Carrier)

6	92311A639	SS SET SCREW	3/3/2015	50.00	\$0.66	\$32.90
			Yes	Each		
			3/3/2015			

AS PER DWG D2747 REV. B
B129897

Line Total: \$32.90

7	91525A120	washer	3/3/2015	50.00	\$0.27	\$13.34
			Yes	Each		
			3/3/2015			

AS PER DWG D3456 REV. A
B129861

Line Total: \$13.34

8	63215K34	Bearing	3/3/2015	20.00	\$17.24	\$344.80
			Yes	Each		
			3/3/2015			

AS PER DWG D2611 REV. C
B130047

15/03/12
30

Line Total: \$344.80

Note:

2/27/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO27606**

Purchase Order Date 2/27/2015

PO Print Date 2/27/2015

Page Number 4 of 7

Order From :

VU-MCM001

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

330 995 5500

Ship To Contact

Ship To Phone

Ship Via:

Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

9	57155K335	Bearing	3/3/2015	12.00	7.50	90.00
			Yes	Each		
			3/3/2015			

AS PER DWG E4511 REV. A
B130219

Line Total: \$90.00

10	7566K25	TIE WRAP MOUNT	3/3/2015	50.00	\$0.16	\$8.12
			Yes	Each		
			3/3/2015			

AS PER DWG D3600 REV. A
B129921

Line Total: \$8.12

11	71500-20	5099A29 CLECO #40	3/3/2015	100.00	\$1.62	\$162.00
			Yes	Each		
			3/3/2015			

13/03/12
34

Line Total: \$162.00

Deliver To: SYLVIE

Note:

2/27/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO27606**

Purchase Order Date 2/27/2015

PO Print Date 2/27/2015

Page Number 5 of 7

Order From :

VU-MCM001

Ship To : DART AEROSPACE LTD

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

330 995 5500

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

Ship To Contact

Ship To Phone

Ship Via:

Purolator ground ppd

Ship Acct:

12	71400-15	8858T21 COVERED ELASTIC COLOR BLACK	3/3/2015	1.00	✓	\$11.50	\$11.50
			Yes	Each			
	50 FT LENGHT		3/3/2015				

Line Total: \$11.50

Deliver To: ERIC.L

13	71400-11	76375A76 MATTING TAPE	3/3/2015	1.00	✓	\$12.43	\$12.43
			Yes	Each			
			3/3/2015				

Line Total: \$12.43

Deliver To: ANDY

14	71400-20	53355T71 SHOP COAT SIZE: 42	3/3/2015	1.00	✓	\$31.04	\$31.04
			Yes	Each			
			3/3/2015				

15/03/2
500

Line Total: \$31.04

Deliver To: CHANTAL

Note:

2/27/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO27606**

Purchase Order Date 2/27/2015

PO Print Date 2/27/2015

Page Number 6 of 7

Order From :

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 330 995 5500

Ship To Contact

Ship To Phone

Ship Via: Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

15	71400-20	53355T71 SHOP COAT SIZE: 44	3/3/2015	1.00	✓	\$31.04	\$31.04
		Yes	3/3/2015	Each			

Line Total: \$31.04

Deliver To: CHANTAL

16	71500-30	8324A89 REAMER .313	3/3/2015	1.00	✓	\$47.25	\$47.25
		Yes	3/3/2015	Each			

Line Total: \$47.25

Deliver To: CNC

17	71500-15	91732A719 10-24 HELICOIL	3/3/2015	20.00	✓	\$6.22	\$124.40
		Yes	3/3/2015	Each			

10703/234

Line Total: \$124.40

Deliver To: ERIC.L

Note:

2/27/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO27606**

Purchase Order Date 2/27/2015

PO Print Date 2/27/2015

Page Number 7 of 7

Order From :

VU-MCM001

Ship To : DART AEROSPACE LTD

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 330 995 5500

Ship To Contact

Ship To Phone

Ship Via: Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

18	71401-45	PROCUREMENT QUALITY CLAUSES	3/3/2015	1.00	\$0.00	\$0.00
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No

3/3/2015

PROCUREMENT QUALITY CLAUSES

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A025 CERTIFICATE OF CONFORMANCE

A040 NOTIFICATION OF QUALITY ESCAPE

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

Line Total: \$0.00

PO Total: \$1,215.11

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 2/27/2015

1. Approving Civil Aviation Authority/Country: Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No: SO120357-2	
4. Organizations Name and Address: DART AEROSPACE LTD 1270 Aberdeen Street Hawkesbury, ON, K6A 1K7 Canada			Tel: 1 613 632 5200 Fax: 1 613 632 5246 www.dartaero.com		5. Work Order/Contract/Invoice P150104	
6. Item:	7. Description:	8. Part No:	9. Quantity:	10. Serial/Batch No:	11. Status/Work:	
1	Bearing	E4511-1	12	B130219	New	
12. Remarks:						
13a. Certifies that the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.			14a. ☐ CAR 571.10 Maintenance Release ☐ Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 has been performed in compliance with the Canadian Aviation Regulations.			
13b. Signature: <i>Brigitte Golden 138</i>		13c. Approved Organization Number: 9-89	14b. Signature: N/A		14c. Approved Organization Number: N/A	
13d. Name: Brigitte Golden		13e. Date (dd/mm/yyyy): 03/Mar/2015	14d. Name: N/A		14e. Date (dd/mm/yyyy): N/A	
(Previously form 24-0078) Important: See notes						
Installer Responsibilities This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.						



Certificate of Compliance

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO27606

Order Placed By
Chantal Lavoie

McMaster-Carr Number
7904410-02

Page 1 of 2
02/27/2015

Line	Product	Ordered	Shipped
1	9610K17 MIL Spec. Two-Piece Grommet Kit, Trade Size 1, 0.687" OD, 48 Grommets with Teeth Washers	4 Each	4
2	95606A170 Nylon Flat Washer, 7/16" Screw Size, 0.500" ID, 0.688" OD, Off-White, Packs of 100	1 Pack	1
4	59915K274 PTFE-Lined Stainless Steel Ball Joint Rod End, 3/8"-24 Right-Hand Male Shank, 3/8" Ball ID, 1-1/4" L Thread	8 Each	8
5	92311A599 18-8 Stainless Steel Cup Point Set Screw, 5/16"-24 Thread, 5/8" Long, Packs of 50	4 Packs	4
6	92311A639 18-8 Stainless Steel Cup Point Set Screw, 3/8"-24 Thread, 1" Long, Packs of 10	5 Packs	5
7	91525A120 Type 316 Stainless Steel Flat Washer, Oversized, 1/4" Screw Size, 0.281" ID, 1.000" OD, Packs of 25	2 Packs	2
8	63215K34 Stainless Steel Ball Joint Swivel Bearing, PTFE Lined, 3/8" ID, 13/16" OD, 13/32" Ball Thick	20 Each	20
9	57155K335 Mini High-Precision Stainless Steel Ball Bearing - ABEC-5, Flange Shield, Extended Inner Ring, 3/16" ID, 3/8" OD	12 Each	12
10	7566K25 Cable Tie Mount, Adhesive/Fastener Mount, 4 Way, 0.21" Tie WD. , White, Packs of 50	1 Pack	1
11	5099A29 Hole-Grip Clamp, Fits 3/32" Diameter	100 Each	100
12	8858T21 Polypropylene Covered Elastic Cord, 3/16" Diameter, Black, 50' Length	50 Feet	50
13	76375A76 Nonskid Matting Tape, 2-1/2" Width X 25' Length	1 Roll	1
14	53355T71 Polyester/Cotton Blend Shop Coat, Dark Blue, Size 42	1 Each	1
15	53355T71 Polyester/Cotton Blend Shop Coat, Dark Blue, Size 44	1 Each	1
16	8324A89 Cobalt Steel Decimal Size Chucking Reamer, .3130" Diameter, 1-1/2" Flute Length, .2792" Shank	1 Each	1
17	91732A719 18-8 Stainless Steel Standard Helical Insert, 10-24 Internal Thread, 0.380" Length, MS122160, Packs of 10	2 Packs	2

Tracking	Carrier	Weight
MFA004097290	Purolator Ground	16 lb

Shipped separately from our Chicago warehouse on 02/27



Certificate of Compliance

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330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
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Canada

Purchase Order
PO27606

Order Placed By
Chantal Lavoie

McMaster-Carr Number
7904410-02

Page 2 of 2
02/27/2015

Line	Description	Ordered	Shipped
3	9776K117 1" W X 50' L Hook, Adhesive Back, Beige	1 Length	1

Certificate of Compliance

This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog. In all other respects this transaction remains subject to our standard terms and conditions of sale, which can be found at www.mcmaster.com.

Alex Rothermel